

Converting Colors

XYZ(29.8645, 29.4649, 23.7342)

Have a look what the booklet for
XYZ(29.8645, 29.4649, 23.7342)
contains.

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Color

**XYZ(29.9505, 29.5863,
23.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	A98F7E
RGB	169, 143, 126
RGB Percent	66%, 56%, 49%
CMY	0.3373, 0.4392, 0.5059
CMYK	0.00, 0.15, 0.25, 0.34
HSL	24°, 20%, 58%
HSV	24°, 25%, 66%
XYZ	29.9505, 29.5863, 23.8708
YIQ	148.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

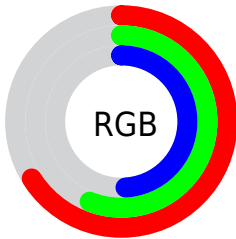
Format	Color
RYB	169, 154, 126
Decimal	11112318
CIELab	61.30, 7.07, 12.67
CIELCh	61, 14.513, 60.828
Yxy	29.5863, 0.3591, 0.3547
Android (android.graphics.Color)	4289302398 (0xFFA98F7E)
YUV	148.8360, -11.2581, 17.6838
Hunter-Lab	54.3933, 3.0989, 12.0556

Details

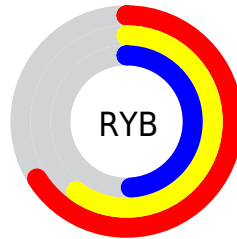
The XYZ color **29.9505, 29.5863, 23.8708** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9935, 29.7557, 41.8569**, and the grayscale version is **28.5384, 30.0246, 32.6968**.

A 20% lighter version of the original color is **59.1543, 59.1947, 50.9558**, and **12.4564, 12.0775, 8.6959** is the 20% darker color. If you saturate the color by 10%, you get **27.4864, 26.2582, 18.1162**, and if you desaturate by 10%, it is **32.7402, 33.2703, 30.6435**.

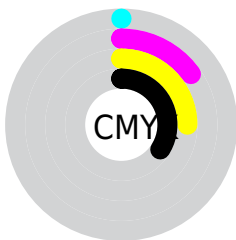
Distribution



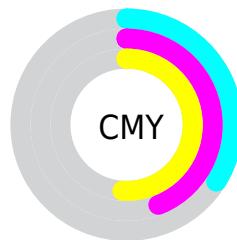
- Red (66%)
- Green (56%)
- Blue (49%)



- Red (66%)
- Yellow (60%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (34%)



- Cyan (34%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9505, 29.5863, 23.8708 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 29.9505, 29.5863, 23.8708 by changing the saturation by 10% instead.


 29.9505, 29.5863,
23.8708


 29.9505, 29.5863,
23.8708


293.5876,
299.9713, 285.4321

 19.9489, 19.5248,
15.0265

 58.9711, 59.0073,
50.7605

 12.4660, 12.0501,
8.6912


 78.7207, 79.1356,
69.6429

 7.1363, 6.7778,
4.4462


 102.4505,
103.3883, 92.7085

 3.5946, 3.3235,
1.8732

130.5256,
132.1498, 120.3757

 1.4754, 1.3029,
0.4756

163.3116,
165.8044, 153.0632

 0.3090, 0.1434,
0.0000

201.1736,

 0.0000, 0.0000,

204.7366, 191.1893

0.0000

244.4772,
249.3308, 235.1728

■ 29.9505, 29.5863,
23.8708

■ 29.9505, 29.5863,
23.8708

■ 27.4864, 26.2582,
18.1162

■ 32.7402, 33.2703,
30.6435

■ 25.3325, 23.2707,
13.3279

■ 35.8652, 37.3166,
38.4791

■ 23.4757, 20.6135,
9.4523

■ 39.3379, 41.7367,
47.4216

■ 21.9009, 18.2741,
6.4296

■ 43.1692, 46.5404,
57.5123

■ 20.5913, 16.2389,
4.1931

■ 47.3695, 51.7369,
68.7902

■ 19.5282, 14.4932,
2.6655

■ 51.9487, 57.3352,
81.2925

■ 18.6886, 13.0202,
1.7493

■ 56.9166, 63.3440,
95.0546

■ 18.3592, 12.4290,
1.4314

■ 61.2676, 69.3658,
104.7675

■ 64.1087, 75.0480,
105.7146

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.3961, 29.5863, 27.1163



29.9505, 29.5863, 23.8708



28.0678, 29.5863, 22.7951

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.9505, 29.5863, 23.8708



24.6041, 29.5863, 32.3667



30.0465, 29.5863, 42.1237

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.9505, 29.5863, 23.8708



26.9935, 29.7557, 41.8569

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.1740, 29.5863, 43.9257



29.9505, 29.5863, 23.8708



25.0817, 29.5863, 37.9146

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.9505, 29.5863, 23.8708



25.0326, 29.5863, 27.3518



26.3674, 29.5863, 42.3058



31.4533, 29.5863, 37.6218

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.9505, 29.5863, 23.8708



26.8344, 29.5863, 23.3447



26.3674, 29.5863, 42.3058



29.4479, 29.5863, 43.0867

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.9513, 29.5877, 23.8714



62.6609, 64.8100, 64.9328



29.5331, 25.6410, 33.3209



13.4764, 13.8921, 13.6967



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.9513, 29.5877, 23.8714



50.8757, 49.2717, 36.2423



33.4007, 36.4864, 25.0212



7.7654, 8.0109, 7.9262



13.7323, 9.3618, 1.0832



0.3843, 0.3281, 0.0431

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.9935, 29.7557, 41.8569



44.5885, 49.6227, 74.4532



23.8844, 23.5376, 40.8205



7.4948, 8.0266, 9.5726



8.9444, 9.3490, 29.3086



0.2654, 0.3230, 0.7290

Previews

White Background



This preview shows how the XYZ color 29.9505, 29.5863, 23.8708 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.9505, 29.5863, 23.8708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9505, 29.5863, 23.8708

Background



This preview shows how black text looks on a background with the XYZ color 29.9505, 29.5863, 23.8708.



This preview shows how white text looks on a background with the XYZ color 29.9505, 29.5863,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.9505, 29.5863, 23.8708

Protanopia

28.0038, 29.7069, 24.6801

Deuteranopia

30.1659, 29.6973, 23.8809



Tritanopia

31.7509, 29.4379, 32.8628

Trichromacy



Original Color

29.9505, 29.5863, 23.8708

Protanomaly

28.6069, 29.5637, 24.2773

Deuteranomaly

30.1659, 29.6973, 23.8809

Tritanomaly

30.9804, 29.3372, 29.2291

Monochromacy



Original Color

29.9505, 29.5863, 23.8708

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9517, 29.8584, 29.4366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9505, 29.5863, 23.8708 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(169, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(169, 143, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(169, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 143, 126) }
```

Border

The CSS property to change the border of an element to XYZ 29.9505, 29.5863, 23.8708 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 143, 126) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(169, 143, 126) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(169, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 143, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 143, 126);  
box-shadow:4px 4px 4px 4px rgb(169, 143,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9505, 29.5863, 23.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 143, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(169,  
143, 126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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